A.I.A. No. 23-L



Simpson®

PLYWOOD CATALOG

1960

A.I.A. No. 23-L



SIMPSON

WHAT IS PLYWOOD?

Plywood is real wood manufactured into large, light, extra strong panels. Selected logs are peeled or sliced to form precise wood veneers. It is an engineered product made of an odd number of the thin veneers (plys)—three, five, seven—placed so the grain of one ply is at right angles to the next. Wood is much stronger along the grain than across the grain. In plywood, cross lamination distributes wood's along-the-grain strength in both directions. That's why plywood is strong both along and across the panel . . . why it is relatively splitproof, punctureproof. Pound for pound, it is one of the very strongest materials known.

SPECIFY FROM TWO TYPES OF SIMPSON PLYWOOD

Simpson plywood comes in two types (as well as several appearance "grades" within each type). "Type" refers to the glue bond used between plys.

EXTERIOR-TYPE plywood glue is completely waterproof. The bond is stronger, more durable than the wood itself. It cannot be weakened by time, weather, or even boiling water.

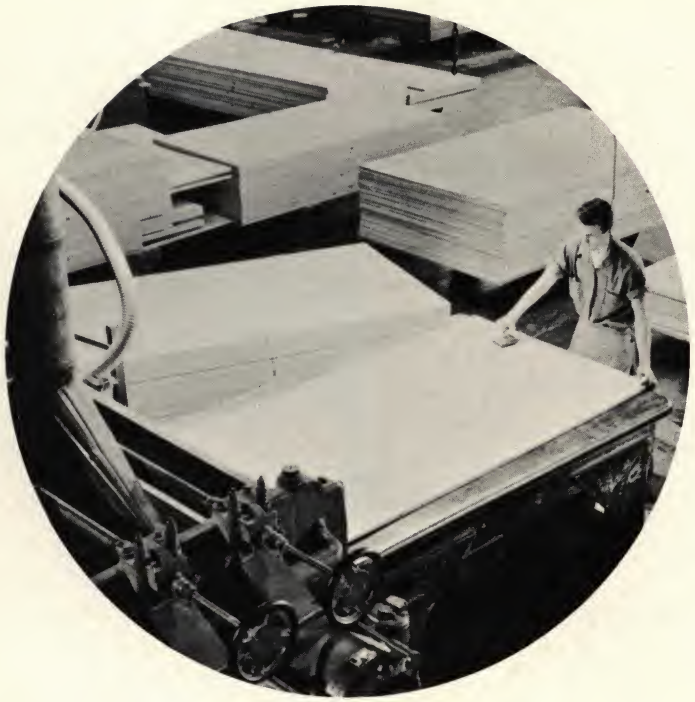
INTERIOR-TYPE is made with highly moisture-resistant (but NOT waterproof) glue. It will withstand occasional wetting during construction, but should never be permanently exposed to the elements.

THERE IS A SIMPSON PLYWOOD GRADE FOR EVERY REQUIREMENT

"Grade" refers to appearance quality of veneer used for the face and back and inner plys of the panels. Letters or numbers indicate appearance quality of veneer used. These veneers in different combination enable Simpson to produce grades that meet the exact needs of any given job. Registered DFPA grade-trademarks adopted by Simpson appear on back or edge of all Douglas Fir panels.

To maintain grade-trademark privileges, Simpson must pass inspection several times each month made by DFPA quality supervisors. Inner plys, outer plys and glues are checked most carefully.

Scientific testing in Simpson laboratories of thousands of samples of current production is a further check in determining Simpson glue-line quality and durability.



PLYWOODS

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HOW TO SPECIFY—Simpson Figured Grain Redwood Plywood, No. of pieces, thickness, width, length, grade, natural or planked.

PLANKED with toasted V-grooves embossed at intervals of 5, 11, 7, 9, 10 and 6 inches across the width of each panel. Every second groove falls 16 inches o.c. to serve as built-in stud locators for nailing. And because the edges of these panels are beveled, joints don't show.





Simpson

FIGURED GRAIN

REDWOOD

PLYWOOD

METHOD OF MANUFACTURE—Simpson Figured Grain Redwood Plywood is made by bonding flat sliced Grade A face veneers to inner plys of either fir or redwood.

DURABILITY—Inside or outside, nothing surpasses Redwood for its resistance to weather, mold, insects or other wood enemies. For localities where termites are a problem, the mill will furnish a redwood core on special quotation.

STRENGTH—Simpson Figured Grain Redwood Plywood combines the inherent strength of redwood with the additional strength gained in the manufacture of plywood.

FINISHING—Redwood, more than any other wood, lends itself to an immense variety of grain-flattering stain finishes.

FACE GRADE—GRADE A—Grade A shall be of one or more pieces of veneer, reasonably matched for color. Tight burls and pin knots shall be permitted. Knots other than pin knots and sapwood shall not be admitted.

Panel Grade	Face Grades	Back Grades[2]	Inner Ply Grades[2]	Glue Bond
A - A	A	A	C[1]	Fully Waterproof Exterior
A - 2	A	2	C[1]	
A - 3	A	3	C[1]	
A - C[1]	A	C[1]	C[1]	

Width	Length	Thicknesses	Number of Plys	Approx. Wt. lbs. per M ft.
48″	96″	¼″	3	790
		⅜″	3	1125
		½″	5	1525
		⅝″	5	1825
		¾″	5	2225

NOTES: [1] Redwood or fir at mill option.
[2] 100% redwood heartwood available on special quotation.

IMPORTANT: Panels should be edge-sealed and back primed for maximum weather resistance when used outdoors.



NATURAL

HOW TO SPECIFY—Simpson Rift Grain Redwood Plywood, No. of pieces, thickness, width, length, grade, natural or planked.

PLANKED with toasted V-grooves embossed at intervals of 5, 11, 7, 9, 10 and 6 inches across the width of each panel. Every second groove falls 16 inches o.c. to serve as built-in stud locators for nailing. And because the edges of these panels are beveled, joints don't show.

PLANKED

Simpson

RIFT GRAIN

REDWOOD

PLYWOOD

METHOD OF MANUFACTURE—Simpson Rift Grain Redwood Plywood is made by bonding flat sliced Grade A face veneers to inner plys of either fir or redwood.

DURABILITY—Inside or outside, nothing surpasses redwood for its resistance to weather, mold, insects, or other wood enemies. For localities where termites are a problem, the mill will furnish a redwood core on special quotation.

STRENGTH—Simpson Rift Grain Redwood Plywood combines the inherent strength of redwood with the additional strength gained in the manufacture of plywood.

FINISHING—Redwood, more than any other wood, lends itself to an immense variety of grain-flattering stain finishes.

FACE GRADE—GRADE A—Grade A shall be of one or more pieces of veneer, reasonably matched for color. Tight burls and pin knots shall be permitted. Knots other than pin knots and sapwood shall not be admitted.

Panel Grade	Face Grades	Back Grades[2]	Inner Ply Grades[2]	Glue Bond
A - A	A	A	C[1]	Fully Waterproof Exterior
A - 2	A	2	C[1]	
A - 3	A	3	C[1]	
A - C[1]	A	C[1]	C[1]	

Width	Length	Thicknesses	Number of Plys	Approx. Wt. lbs. per M ft.
48″	96″	¼″	3	790
		⅜″	3	1125
		½″	5	1525
		⅝″	5	1825
		¾″	5	2225

NOTES: [1] Redwood or fir at mill option.
[2] 100% redwood heartwood available on special quotation.

IMPORTANT: Panels should be edge-sealed and back primed for maximum weather resistance when used outdoors.



HOW TO SPECIFY—Simpson Redwood Plyweave, No. of pieces, thickness, width, length.

HOW TO SPECIFY—Simpson Redwood Rusticwood, No. of pieces, thickness, width, length.



REDWOOD
PLYWEAVE
PLYWOOD

METHOD OF MANUFACTURE—Simpson Redwood Plyweave is made by bonding specially selected vertical grain veneers to a core of fir or redwood at mill option. The redwood face is then embossed under great heat and pressure.

DURABILITY—Inside or out, redwood is unharmed by weather, insects, or other wood enemies. Where termites are a problem, the mill will furnish a redwood core on special quotation.

DECORATIVE SQUARES—Redwood Plyweave is available in squares 11⅞" x 11⅞" x 5/16" and 15⅞" x 15⅞" x 5/16". Cartoned 25 to a box.

NAILING—Straight beaded strips every 8" across the panel make butt joints and nailing invisible and aid in locating studs on 16" or 24" centers.

FACE GRADE—SELECT—Selected rift grain redwood veneers, with only inconspicuous shim patches permitted.

Panel Grade	Face Grades	Back Grades[2]	Inner Ply Grades[2]	Glue Bond
Special	Select	C[1]	B[1]	Fully Waterproof Exterior
Width[3]	**Length**	**Thick-nesses**	**Number of Plys**	**Approx. Wt. lbs. per M ft.**
48"	96"	¼"	3	790

NOTES: [1] Redwood or fir at mill option.
[2] 100% redwood heartwood available on special quotation.
[3] Available in squares 11⅞" x 11⅞" x 5/16" and 15⅞" x 15⅞" x 5/16", 25 to a box.

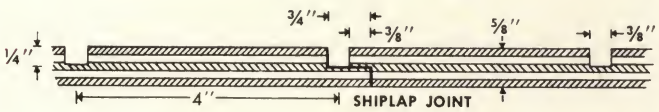
Simpson

REDWOOD
RUSTICWOOD
PLYWOOD

METHOD OF MANUFACTURE—Simpson Redwood Rusticwood is made by bonding specially selected veneers of rotary cut redwood to cores of Douglas Fir. The face is wirebrushed to bring the natural grain into bold relief. Vertical channels, ¼" deep by ⅜" wide, are cut into the face on 4" centers. Edges are shiplapped so that when panels are joined, the joint becomes a part of the vertical channeling.

DURABILITY AND STRENGTH—Redwood Rusticwood presents a face that resists weather, insects and other wood enemies. Rusticwood has the strength and rigidity of Douglas Fir plywood, and meets the FHA requirements for exterior walls without sheathing.

FACE GRADE—SPECIAL—Figured grain redwood veneer, specially selected for pleasing grain patterns and absence of flaws. Only small inconspicuous shim patches are permitted.



Panel Grade	Face Grades	Back Grades	Inner Ply Grades	Glue Bond
Special	Select	C Fir	C Fir	Fully Waterproof Exterior
Width	**Length[1]**	**Thick-nesses**	**Number of Plys**	**Approx. Wt. lbs. per M ft.**
48⅜"	96"	⅝"	5	1825

NOTE: [1] Also available in 9 and 10 foot lengths.

IMPORTANT: Panels should be edge-sealed and back primed for maximum weather resistance when used outdoors.



HOW TO SPECIFY – Simpson Redwood Shadowood, No. of pieces, thickness, width, length, natural or planked.
PLANKED with toasted V-grooves embossed at intervals of 5, 11, 7, 9, 10 and 6 inches across the width of each panel. Every second groove falls 16 inches o.c. to serve as built-in stud locators for nailing. And because the edges of these panels are beveled, joints don't show.





Simpson

REDWOOD

SHADOWOOD

PLYWOOD

METHOD OF MANUFACTURE—Simpson Redwood Shadowood is made by bonding selected veneers of flat sliced or peeled redwood to cores of either redwood or fir at mill option. Wire brushes etch away the soft wood surface, leaving an exposed grain pattern of unusual toughness and beauty.

DURABILITY—In either interior or exterior applications, redwood is not harmed by weather, insects, or other wood enemies. Where termites are a problem, the mill will furnish redwood plywood with redwood cores on special quotation.

FINISHES—Redwood Shadowood may vary in color from a light rose to a deep russet color. It lends itself to a large variety of natural or two-tone finishes.

DECORATIVE SQUARES—Redwood Shadowood is available in squares 11⅞" x 11⅞" x 5/16" and 15⅞" x 15⅞" x 5/16". Cartoned 25 to a box.

FACE GRADE – SELECT – Shadowood faces are specially selected for pleasing grain patterns and absence of flaws. Only small, inconspicuous shim patches are permitted.

Panel Grade	Face Grades	Back Grades	Inner Ply Grades	Glue Bond
Special	Select	D	Redwood or Fir at mill option[1]	Fully Waterproof Exterior

Width[3]	Length	Thicknesses[2]	Number of Plys	Approx. Wt. lbs. per M ft.
48"	96"	3/16"	3	950

NOTES: [1] 100% redwood heartwood panels available at slight extra cost.
[2] Other thicknesses on special quotation.
[3] Available in squares 11⅞" x 11⅞" x 3/16" and 15⅞" x 15⅞" x 3/16", 25 to a box.

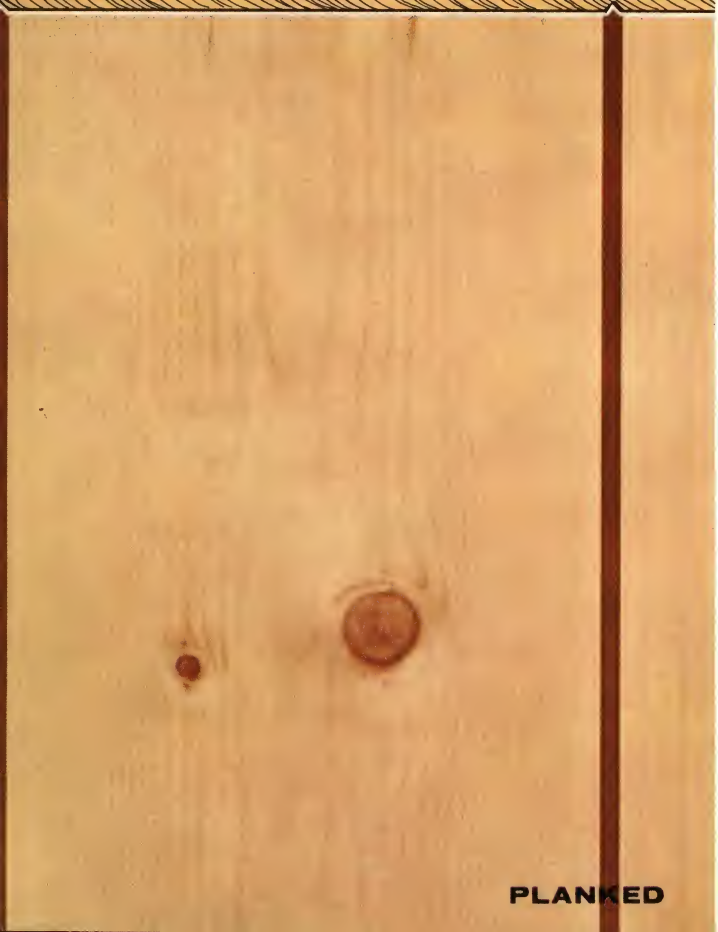
IMPORTANT: Panels should be edge-sealed and back primed for maximum weather resistance when used outdoors.



NATURAL

HOW TO SPECIFY – Simpson Knotty Pine Plywood, No. of pieces, thickness, width, length, grade, natural or planked.

PLANKED with toasted V-grooves embossed at intervals of 5, 11, 7, 9, 10 and 6 inches across the width of each panel. Every second groove falls 16 inches o.c. to serve as built-in stud locators for nailing. And because the edges of these panels are beveled, joints don't show.



PLANKED



This highly versatile wood enhances any interior decor.

Simpson

KNOTTY PINE

PLYWOOD

METHOD OF MANUFACTURE – Simpson Knotty Pine plywood is made by bonding specially selected veneers of Grade A Idaho Knotty Pine to inner plys of Douglas Fir. All face veneers are mismatched to eliminate annoying knot pattern repetition.

STRENGTH – Face veneer is of Knotty Pine. The remainder of the panel is strong, tough, thrifty Douglas Fir. This economy of construction, together with plywood's strength of cross-lamination, makes Simpson Knotty Pine plywood an ideal building material (pound for pound stronger than steel).

FINISHING – Knotty Pine may be stained, bleached, or finished in its natural color. See Simpson's Manual on Finishing Plywood for ideas on finishing all Simpson plywoods.

PRACTICAL – Knotty Pine plywood is practically maintenance free. Apply a wax occasionally, or if any parts are soiled, clean them with mild soap suds and water.

FOR WALLS – Use ¼ inch Simpson Knotty Pine directly to studding or for best construction apply over underlay of 5/16 inch Simpson Douglas Fir plywood (Plyscord grade).

FACE GRADE – GRADE A – Veneers must be mismatched for pleasing knot pattern. These variations are permitted – solid knots and neatly puttied knotholes up to one inch in diameter.

Panel Grade	Face Grades	Back Grades	Inner Ply Grades	Glue Bond
A-A A-2 A-3	A A A	A 2 3	C C C	Water Resistant Interior

Width	Length	Thick-nesses	Number of Plys	Approx. Wt. lbs. per M ft.
48″	96″	¼″	3	790
		¾″	7	2225

SIMPSON KNOTTY PINE FACES are cut 1/10″ thick, as compared with the industry average of only 1/16″.



HOW TO SPECIFY—Simpson Douglas Fir Plywood, No. of pieces, thickness, width, length, interior or exterior, grade, natural or planked.

PLANKED with toasted V-grooves embossed at intervals of 5, 11, 7, 9, 10 and 6 inches across the width of each panel. Every second groove falls 16 inches o.c. to serve as built-in stud locators for nailing. And because the edges of these panels are beveled, joints don't show. Available only in 48" widths.



Simpson

DOUGLAS FIR
PLYWOOD

Panel Grade	Face Grade	Back Grade	Inner Ply Grade	Width	Length	Thickness
EXTERIOR GRADES: Completely waterproof phenolic resin glue						
EXT-DFPA A-A * ** ***	A	A	C	4'	8' 9' 10' 12'	¼ ⅜ ½ ⅝ ¾
	For permanent outdoor uses where appearance of both sides is important, such as outdoor furniture, carports, signs.					
EXT-DFPA A-B * **	A	B	C	4'	8' 9' 10' 12'	¼ ⅜ ½ ⅝ ¾
	For permanent outdoor uses where appearance of only one side is of most importance.					
EXT-DFPA PLYSHIELD * ** ***	A	C	C	4'	8' 9' 10' 12'	¼ ⅜ ½ ⅝ ¾
	"One side" grade for siding, soffits, fences, store fronts.					
EXT-DFPA UTILITY B-C	B	C	C	4'	8' 9' 10' 12'	¼ ⅜ ½ ⅝ ¾
	For most outdoor building where the very best appearance is not required, as for farm buildings, underlayment.					
EXT-DFPA PLYFORM B-B	B	B	C	4'	8'	⅝ ¾
	For maximum re-use as concrete forms.					
EXT-DFPA SHEATHING	C	C	C	4'	8' 9' 10'	5/16 ⅜ ½ ⅝ ¾
	C	D	D	4'	8' 9' 10'	5/16 ⅜ ½ ⅝ ¾
	Unsanded construction panel with waterproof bond, for use as exterior sheathing or as backing on rough construction exposed to weather or excess moisture.					
BOAT HULL EXT-DFPA A-A	A	A	B	4'	8' to 24'	¼ ⅜
	For use in boat hulls and superstructures where appearance of both sides is important.					
BOAT HULL EXT-DFPA A-B	A	B	B	4'	8' to 24'	¼ ⅜
	For use in boat hulls and superstructures where only one side is exposed.					
INTERIOR GRADES: Moisture-resistant glue						
INTERIOR A-A DFPA ***	A	A	D	4'	8' 9' 10'	¼ ⅜ ½ ⅝ ¾
	For all interior applications where both sides are to be exposed and appearance is important.					
INTERIOR AB-B DFPA	A	B	D	4'	8' 9' 10'	¼ ⅜ ½ ⅝ ¾
	For all inside uses requiring one surface of highest appearance and opposite side solid and smooth.					
PLYPANEL ***	A	D	D	4'	8' 9' 10'	¼ ⅜ ½ ⅝ ¾
	The many-purpose "one side" plywood for paneling, built-ins, backing and underlayment, counters, displays, cut-outs.					
INTERIOR B-D DFPA	B	D	D	4'	8' 9' 10'	¼ ⅜ ½ ⅝ ¾
	Utility panel for uses requiring one smooth, solid side, such as backing, cabinet sides, underlayment.					
PLYSCORD	C	D	D	4'	8' 9' 10'	5/16 ⅜ ½ ⅝ ¾
	Structural grade unsanded sheathing for use on walls and roofs, sub-flooring, temporary enclosures, containers, barricades.					
2 • 4 • 1	C (Rep'd)	D	D	4'	8'	1⅛
	New Combination sub-floor and underlayment base for tile, linoleum, carpeting and wood strip flooring. Used on 4-foot span grid system.					

Thicknesses	Number of Plys	Weight per M Ft.
¼	3	790
5/16	3	950
⅜	3	1125
½	5	1525
⅝	5	1825
¾	5	2225
1⅛	7	3350

*JUMBO PANELS are available in widths from 4 to 8 feet and in lengths from 8 to 12 feet.

**LONG-LENGTH PANELS are available in widths from 4 to 6 feet and lengths from 9 to 30 feet (or longer, on special quotation).

***HANDY PANELS are available size 24" x 48".

For complete information on DFPA grade definitions, properties, applications, etc., please refer to DFPA Catalog 5b/Do Sweet's Architectural File or 2b/Do Sweet's Light Construction File.



NATURAL

HOW TO SPECIFY—Simpson Rift Grain Fir Plywood, No. of pieces, thickness, width, length, interior or exterior, grade, natural or planked.

PLANKED with toasted V-grooves embossed at intervals of 5, 11, 7, 9, 10 and 6 inches across the width of each panel. Every second groove falls 16 inches o.c. to serve as built-in stud locators for nailing. And because the edges of these panels are beveled, joints don't show. Available only in 48″ widths.



PLANKED



Simpson

RIFT GRAIN FIR

PLYWOOD

HARDNESS—The grain of the hard summer-growth Douglas Fir is closely spaced to present a uniform tough face. When painted, there is no show or transfer through of the grain.

RIGIDITY—Douglas Fir is one of the most dense of commercial wood fibers. Cross-banded plys give it far greater structural rigidity and strength than ordinary lumber. Panels have excellent nail holding properties and cannot split.

SMOOTH SURFACE—Wonderful for overlays, counter tops and painted surfaces. Low shrinkage factors makes it one of the most dimensionally stable woods.

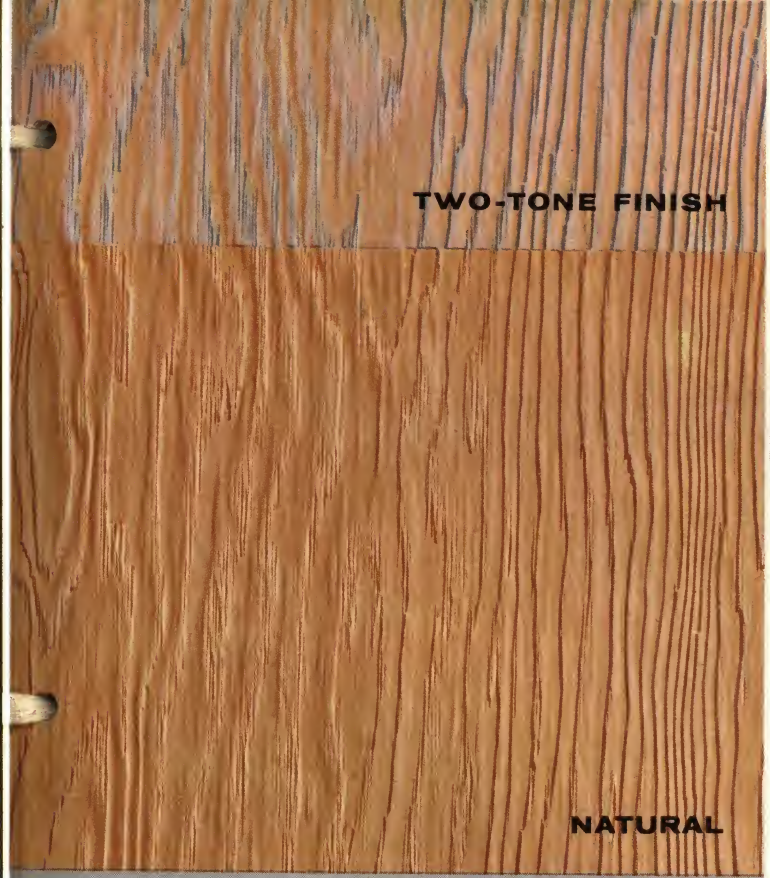
DURABILITY—Retains the strength factors of the Douglas Fir's long fibres. Excellent for use where panels will be under stress, such as for boats, curved walls, etc.

FACE GRADE—GRADE A—Faces of reasonably matched grain with only slight discoloration and sap. Not less than eight growth rings per inch. Neatly repaired defects permitted.

Panel Grade	Face Grades	Back Grades	Inner Ply Grades	Glue Bond
A - A A - 2 A - 3 A - C	A A A A	A 2 3 C	Solid cross band next to faces	Fully Waterproof Exterior[1] or Water Resistant Interior

Width[2]	Length[2]	Thick-nesses	Number of Plys	Approx. Wt. lbs. per M ft.
48″	96″	¼″	3	790
		⅜″	5	1125
		½″	5	1525
		⅝″	7	1825
		¾″	7	2225

NOTES: [1] Available at slight extra cost.
[2] Other sizes available on special quotation.



HOW TO SPECIFY—Simpson Fir Shadowood Plywood, No. of pieces, thickness, width, length, interior or exterior, natural or planked.

PLANKED with toasted V-grooves embossed at intervals of 5, 11, 7, 9, 10 and 6 inches across the width of each panel. Every second groove falls 16 inches o.c. to serve as built-in stud locators for nailing. And because the edges of these panels are beveled, joints don't show.





Simpson

FIR

SHADOWOOD

PLYWOOD

METHOD OF MANUFACTURE—Simpson Fir Shadowood is made by wire-brushing the softwood from the surface of select-grade face veneer, leaving the hard, swirling growth patterns in dramatic relief.

HARDNESS—In etching away the surface softwood, the large rotary wire brushes leave a raised pattern of the harder grain, giving the panels a tough, scuff-resistant surface.

RIGIDITY—Fir Shadowood has all the strength factors of Douglas Fir plywood and can be used in accordance with FHA regulations and the uniform building code.

FINISHING—The raised pattern of Shadowood makes it especially well suited to a variety of two-tone paint finishes as well as stains and clear finishes.

DECORATIVE SQUARES—Fir Shadowood is available in squares 11⅞" x 11⅞" x 5/16" and 15⅞" x 15⅞" x 5/16". Cartoned 25 to a box.

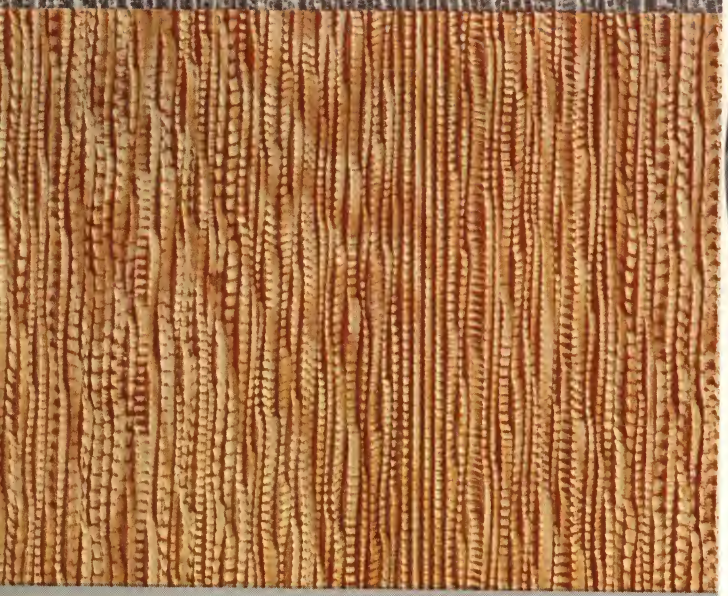
FACE GRADE—SELECT—Fir veneers selected for pleasing grain and absence of flaws. Only inconspicuous shim patches permitted. No knots, burls or other wood growths permitted.

Panel Grade	Face Grades	Back Grades	Inner Ply Grades	Glue Bond
Special	Select	D	C	Fully Waterproof Exterior[1] or Water Resistant Interior

Width[3]	Length[2]	Thicknesses	Number of Plys	Approx. Wt. lbs. per M ft.
48"	96"	5/16"	3	950
		7/16"	3	1300
		5/16"	5	1675
		11/16"	5	2000
		13/16"	5	2375

NOTES: [1] Available at slight extra cost.
[2] Lengths up to 12 feet subject to special quotation.
[3] Available in squares 11⅞" x 11⅞" x 5/16" and 15⅞" x 15⅞" x 5/16".





HOW TO SPECIFY— Simpson Fir Plyweave Plywood, No. of pieces, thickness, width, length, interior or exterior.

HOW TO SPECIFY— Simpson Striated Fir Plywood, No. of pieces, thickness, width, length, interior or exterior.





FIR PLYWEAVE and STRIATED FIR

PLYWOOD

METHOD OF MANUFACTURE—Simpson Fir Plyweave and Striated Fir are made by embossing the surface of select figured grain fir veneer under intense heat and pressure.

HARDNESS—The embossing compresses the fibers, giving the wood a tough, hard and durable splinter-free surface.

NAILING—The embossed surface pattern repeats every 8″ making it easy to locate studs set on 16″ or 24″ centers. Countersunk nails are hidden in the attractive pattern.

FINISHING—The raised embossed pattern makes it especially well-suited to a variety of two-tone paint finishes.

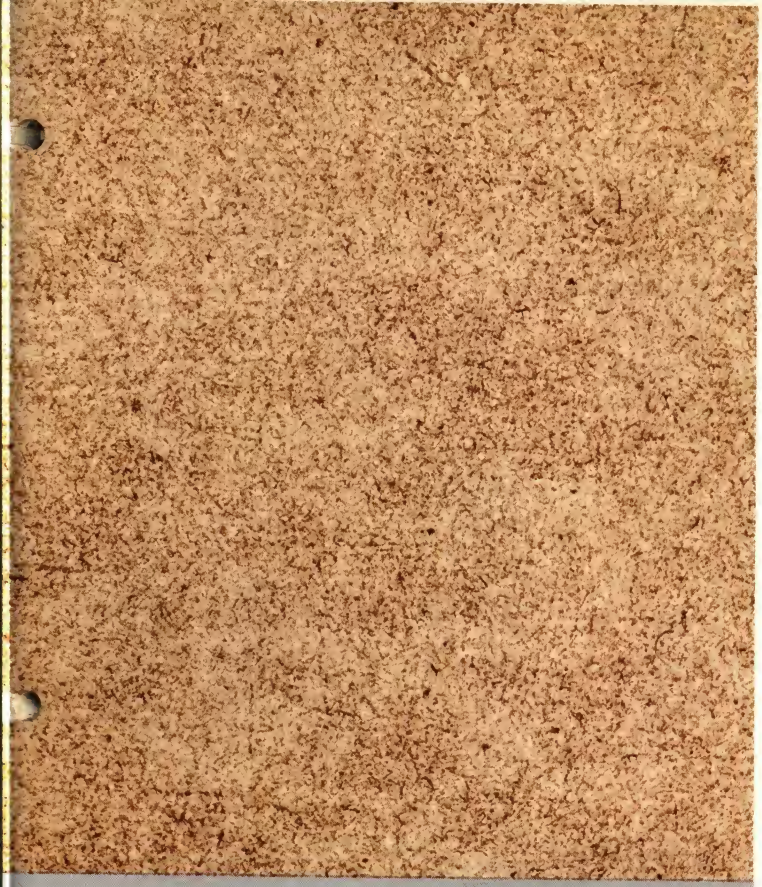
DECORATIVE SQUARES—Fir Plyweave and Striated Fir are available in squares 11⅞″ x 11⅞″ x 5/16″ and 15⅞″ x 15⅞″ x 5/16″. Cartoned 25 to a box.

FACE GRADE—SELECT—Highest quality veneer, free from knots, open splits, pitch pockets and other open defects. May be of more than one piece, but must be well joined. Neatly made repairs permitted.

Panel Grade	Face Grades	Back Grades	Inner Ply Grades	Glue Bond
Special	Select	B	B	Fully Waterproof Exterior[1] or Water Resistant Interior

Width[3]	Length[2]	Thick-nesses	Number of Plys	Approx. Wt. lbs. per M ft.
48″	96″	¼″	3	790
		⅜″	3	1125
		½″	5	1525
		⅝″	5	1825
		¾″	5	2225

NOTES: [1] Available at slight extra cost.
[2] Lengths up to 12 feet subject to special quotation.
[3] Available in squares 11⅞″ x 11⅞″ x 3/16″ and 15⅞″ x 15⅞″ x 3/16″, 25 to a box.



HOW TO SPECIFY— Simpson Plyron, No. of pieces, thickness, width, length, interior or exterior, standard or tempered.

HOW TO SPECIFY— Simpson Texture One-Eleven Plywood, No. of pieces, thickness, width, length, grade.



PLYRON
PLYWOOD

METHOD OF MANUFACTURE—Simpson Plyron is available as an interior or exterior-type panel. It is made by bonding standard or tempered hardboard to Douglas Fir plywood.

STRENGTH—Plyron combines the rigidity, trueness and surface toughness of hardboard plus the high strength and dimensional stability of Douglas Fir plywood.

SURFACE FEATURES—The face is uniform, smooth, hard and puncture-proof, workable with standard woodworking tools. It can be finished by brushing, spraying or dipping.

FACE GRADE—Hardboards used for faces on Plyron conform to the standards of the producer and also meet the hardness and performance standards specified by the Douglas Fir Plywood industry. Standard board is available in light or dark brown color. Tempered board is available only in dark brown.

Panel Grade	Face Grades	Back Grades	Inner Ply Grades	Glue Bond
Tempered Standard	Tempered Standard	Tempered Standard	Solid cross band next to faces	Fully Waterproof Exterior[1] or Water Resistant Interior
Width	**Length**	**Thick-nesses**	**Number of Plys**	**Approx. Wt. lbs. per M ft.**
48″	96″	½″	5	2125
		⅝″	5	2425
		¾″	7	2825

NOTES: [1] Tempered only.

Simpson

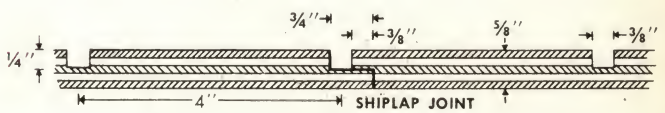
TEXTURE 1-11
PLYWOOD

METHOD OF MANUFACTURE—Texture One-Eleven is an exterior-type Douglas Fir plywood bonded with a 100% waterproof glue line. It is manufactured in panels 48⅜″ wide with grooves 4″ apart (on centers). Grooves are ⅜″ wide by ¼″ deep and edges are rabbeted to provide hidden joints. Meets FHA requirements for exterior walls without sheathing.

SURFACE FEATURES—The surface of Texture One-Eleven is unsanded (rough) for pleasing texture, free from patches or tape. All plys are of Grade C veneer.

FINISHING—For outdoor use Texture One-Eleven should be stained with a highly pigmented exterior stain. Clear finishes or penetrating, low-pigment stains are not recommended.

FACE GRADE—GRADE C—Selected face veneers permit tight knots up to 1½″; knotholes up to 1″; splits up to ⅛″. Faces are free from patches or tape.



Panel Grade	Face Grades[1]	Back Grades	Inner Ply Grades	Glue Bond
C - C	C	C	C	Fully Waterproof Exterior
Width	**Length**	**Thick-nesses**	**Number of Plys**	**Approx. Wt. lbs. per M ft.**
48⅜″	72″-84″ 96″ 108″ 120″	⅝″	5	1825

NOTE: [1] Special face grades available on special quotation.

SAVE 30%+ ON CONCRETE FORMS

CUTS CONCRETE FINISHING COSTS—The tough, hard overlay lets concrete set up "glassy-smooth" except for fins and tiebolt holes. There are no grain or surface irregularities to mottle the finish of the concrete. Ceilings and walls can be painted direct after a minimum of rubbing (to remove "fins," etc.)—and no need for expensive stucco or plaster.

GIVES MANY MORE REUSES—The rugged surface of Simpson High Density Overlaid Plywood has an abrasion resistance 33 times that of conventional plywood when wet. It stands up under continuous scouring action by harsh aggregates, yielding "glassy-smooth" surfaces—pour after pour. Reuses range from 75 on job-site to 200 in yard operations.

STRIPS CLEANLY AND QUICKLY—Heavy scraping is eliminated—wipe down with brush or rag and it's ready to use again. A very light oiling is required to assure easy parting. Large sections of forming can be stripped, hoisted, and secured for another pour with far less time loss and trouble. Even unskilled workers are enabled to do a better job in less time.

CUTS FORM MAINTENANCE—Simpson High Density Overlaid Plywood cleans easily and dries rapidly. Sheets can be stacked without dividers immediately after dismantling forms. This time-saving advantage is due to the plywood's exceptional water-repelling characteristic (25 to 30 times less permeability than ordinary plywood).

BLACK

HOW TO SPECIFY—Specify Simpson High Density Overlaid Plywood (Concrete Form or General Use), number of pieces; width, length and thickness; and weight of overlay. Freight Classification is "Plywood, faced with paper."

MANY USES • Industrial Tanks and Vats • Shipping Crates Boxcars • Work Table-tops • Shelving • Boat Construction Pallets • Flooring • Cold Storage or Drying Rooms • Laundry Chutes • Signs (available in black for application of reflectors and cut to size for traffic control signs).

NATURAL



Simpson

HIGH DENSITY

OVERLAID PLYWOOD

METHOD OF MANUFACTURE—Simpson High Density Overlaid Plywood is a rugged exterior-type fir plywood ideally suited for concrete form work and other applications where strength, smooth surface and workability are required. The Douglas Fir plywood is overlaid with Kimpreg*, a cellulose fiber impregnated with a thermosetting phenol-formaldehyde resin that is 25 to 30 times more resistant to water absorption than ordinary plywood. Surface is translucent, allowing the grain pattern to show through. The durable Kimpreg overlay is bonded to the face veneers under heat and pressure—creating an armored surface of unusual toughness and smoothness. Meets all requirements of Commercial Standard CS45-55.

SIZES AND WEIGHTS—Simpson High Density Overlaid Plywood comes in 48" x 96" panels. Also available in 60" width and 108" or 120" length (unscarfed) on special order. Standard thicknesses are 5/8" and 3/4" for concrete forms. Comes in 5/16", 3/8", 1/2" and 1" thickness for other applications. Natural or black.

The standard overlay—designated 60/60—weighs 60 pounds per 1000 sq. ft. *per side;* the overlay may be ordered in heavier weights (see chart below) or overlaid one side only. Total weight is the base weight of the listed plywood *plus* the weight of the overlay.

*Reg. Trade Mark KIMBERLY CLARK CORP.

Type	Face Grade	Back Grade	Inner Ply Grade	Glue Bond
Overlaid 1 Side	B	B	B	Water Proof Exterior
Overlaid 2 Sides	B	B	B	

Width	Length	Thicknesses	Number of Plys	Approx. Wt. per M Ft. 60/60	60/0
		5/16"	3	1070	1010
48"	96"	3/8"	3	1245	1185
60"	108"	1/2"	5	1645	1585
	120"	5/8"	5	1945	1885
		3/4"	5	2345	2285
		1"	7	3120	3060

NOTES: 1. Specify "Concrete Form" for special cure and edge sealer.
2. A Grade faces on special order.
3. Also available in 90/90 and 120/120 weights. Surface in natural color unless black is specified.

For complete information on overlaid plywood for concrete forms, please refer to DFPA catalog $\frac{5b}{Do}$ Sweet's Architectural File or $\frac{2b}{Do}$ Sweet's Light Construction File.

SAVE 30%+ ON LABOR

Handy 4′ x 8′ overlaid plywood panels go up quick n' easy with fewer nails, less cutting, less waste, less bracing and blocking. Nail to studs without sheathing in many areas. Overlaid lap-siding in 12″, 16″ and 24″ widths installs rapidly, butts precisely, nails up without splitting and requires far fewer man hours to apply.

SIDING APPLICATION: Use corrosion-resistant casing or common nails. For siding ⅜″ to ½″ thick use 6d nails. On thicker panels use 8d. Nail vertical joints 4″ o.c. and intermediate studs at 6″ to 8″. Stagger all vertical joints for lapped siding. When lapping pre-cut panels, back all joints solidly with wedges. Leave 1/32″ between panels. Caulk all joints.

SAVE 30%+ ON PAINTING

The unique velvety surface of CreZon overlay eliminates sanding, face sealing and patching work. Paint goes on easier, covers more area per gallon in far less time. Two coats of paint do the job of three and lasts years longer without repainting. The rugged overlaid surface is weatherproof and resists checking, blistering and grain rise.

HOW TO FINISH: Finish in the same manner as regular fir plywood. For outdoor exposure the best results are obtained with two coats of exterior house paint or enamel. For interior finishing, a minimum of two coats is recommended.

HOW TO SPECIFY – Specify Simpson Medium Density Overlaid Plywood, the number of pieces, width, length and thickness; state if to be overlaid on one or both sides. Freight classification is "Plywood, faced with paper."

MANY USES • Home construction • Interior paneling Counter displays • Garage doors • Portable sheds • Trailers Signs (cut to size for traffic control signs) • Store fixtures Table tops • Commercial structures • Furniture & trunks.



Simpson

MEDIUM DENSITY

OVERLAID PLYWOOD

METHOD OF MANUFACTURE—Simpson Medium Density Overlaid Plywood is a durable exterior-type fir plywood tailor made for siding, garage doors and other applications where strength, paintability and workability are required. The Douglas Fir plywood is overlaid with CreZon*, a cellulose-fiber sheet impregnated with a thermosetting phenolic resin that is completely weatherproof and resists checking and grain rise. The buff colored overlay creates an opaque surface, virtually blanking out the grain pattern. The CreZon overlay is bonded to the face veneers under heat and pressure – creating an armored surface of unusual toughness and permanence. Meets all requirements of Commercial Standard CS45-55.

GRADE – Face veneers under the overlay are B Grade. All other plys are C Grade (with minor core voids) or B Grade on special order. An exterior waterproof glue line is used throughout the sturdy plywood panels to conform with EXT-DFPA specifications.

SIZES AND WEIGHTS—Simpson Medium Density Overlaid Plywood comes in 48″ x 96″ panels. Special 12″, 16″, 24″, 30″ and 60″ widths and 108″ and 120″ lengths (unscarfed) on order. Standard thicknesses are 5/16″, ⅜″, ½″, ⅝″ and ¾″. The CreZon overlay weighs 70 pounds per 1,000 square feet *per side*. Overlay may be ordered on both sides or one side only. Total weight is the base weight of the plywood *plus* the weight of the overlay.

*Reg. Trade Mark Crown Zellerbach Corp.

Type	Face Grades	Back Grades	Inner Ply Grades	Glue Bond
Overlaid 1 side	B	B	C*	Water Proof Exterior
Overlaid 2 sides	B	C*	C*	

Width	Length	Thicknesses	Number of Plys	Approx. Wt. per M Ft. Overlaid One Side	Overlaid Two Sides
12″		5/16″	3	1020	1090
16″	96″	⅜″	3	1195	1265
24″	108″	½″	5	1595	1665
30″	120″	⅝″	5	1895	1965
48″		¾″	5	2295	2365
60″					

*B Grade inner plys available on order.



HOW TO SPECIFY—Simpson Ribbon Grain Philippine Mahogany Plywood, No. of pieces, thickness, width, length, grade, natural or planked.

PLANKED with toasted V-grooves embossed at intervals of 5, 11, 7, 9, 10 and 6 inches across the width of each panel. Every second groove falls 16 inches o.c. to serve as built-in stud locators for nailing. And because the edges of these panels are beveled, joints don't show. Available only in 48″ widths.





Simpson

RIBBON GRAIN PHILIPPINE

MAHOGANY

PLYWOOD

METHOD OF MANUFACTURE—Simpson Ribbon Grain Philippine Mahogany is made by bonding the finest hardwood face veneers to inner plys of Douglas Fir.

STRENGTH—Face veneer is of choice hardwood. The remainder of the panel is strong, tough, thrifty Douglas fir. This economy of construction, together with strength of plywood cross-lamination, makes Simpson hardwood plywood an ideal building material (pound for pound stronger than steel).

FINISHING—Philippine Mahogany may be stained, bleached, or finished in its natural color. See Simpson's Manual on Finishing Plywood for ideas on finishing all Simpson plywoods.

FACE GRADE—GRADE A—The face shall be made up of tight, smoothly cut veneer containing the natural character markings inherent in the species; if made of more than one piece, the veneer shall be matched at the joints to avoid sharp contrasts in color and grain.

Panel Grade	Face Grades	Back Grades	Inner Ply Grades[3]	Glue Bond
A - A A - 2 A - 3	A A A	A 2[1] 3[2]	Solid cross band next to faces	Water Resistant Interior

Width[4]	Length[4]	Thicknesses[4]	Number of Plys	Approx. Wt. lbs. per M ft.
48″	96″	¼″	3	830
		⅜″	5	1180
		½″	5	1600
		⅝″	7	1915
		¾″	7	2335

NOTES: [1] Back veneers are ribbon or figured grain Philippine Mahogany at mill option.

[2] Back veneers are Philippine Mahogany, birch or fir at mill option.

[3] Mahogany or fir at mill option.

[4] Other widths, lengths, and thicknesses available on quotation.



This choice imported hardwood is both functional and appealing.

Simpson

FIGURED GRAIN PHILIPPINE
MAHOGANY
PLYWOOD

METHOD OF MANUFACTURE—Simpson Figured Grain Philippine Mahogany is made by bonding Grade A rotary-cut Mahogany veneers to inner plys of Douglas Fir or Mahogany at mill option.

STRENGTH—Simpson Figured Grain Mahogany combines the inherent sturdiness of Mahogany with the added strength derived from crossbanding the inner plys. This process imparts a strength, rigidity, and bendability not found in nature (pound for pound stronger than steel).

FINISHING—Philippine Mahogany may be stained, bleached, or finished in its natural color. See Simpson's Manual on Finishing Plywood for ideas on finishing all Simpson Plywoods.

FLEXIBILITY—Simpson hardwood plywoods are well adapted for bending and shaping to meet curved design requirements. ¼" thickness can bend to approximately a 15" minimum radius bending across the surface grain and 24" parallel to the grain.

FACE GRADE—GRADE A—The face shall be made up of tight, smoothly cut veneer containing the natural character markings inherent in the species; if made of more than one piece, the veneer shall be matched at the joints to avoid sharp contrasts in color and grain.

Panel Grade	Face Grades	Back Grades	Inner Ply Grades	Glue Bond
A-3 or better	A	3 or better	C	Water Resistant Interior
Width[1]	Length[1]	Thicknesses[1]	Number of Plys	Approx. Wt. lbs. per M ft.
48"	96"	¼"	3	830
		¾"	7	2335

NOTE: [1] Other widths, lengths and thicknesses available on quotation.

NATURAL

HOW TO SPECIFY—Simpson Figured Grain Philippine Mahogany Plywood, No. of pieces, thickness, width, length, grade, natural or planked.

PLANKED with toasted V-grooves embossed at intervals of 5, 11, 7, 9, 10 and 6 inches across the width of each panel. Every second groove falls 16 inches o.c. to serve as built-in stud locators for nailing. And because the edges of these panels are beveled, joints don't show. Available only in 48" widths.

PLANKED



HOW TO SPECIFY— Simpson Birch Plywood, No. of pieces, thickness, width, length, interior or exterior, grade, natural or planked.

PLANKED with toasted V-grooves embossed at intervals of 5, 11, 7, 9, 10 and 6 inches across the width of each panel. Every second groove falls 16 inches o.c. to serve as built-in stud locators for nailing. And because the edges of these panels are beveled, joints don't show. Available only in 48″ widths.





Pleasing grain pattern gives warmth and dignity.

Simpson

BIRCH

PLYWOOD

METHOD OF MANUFACTURE—Simpson Birch is made by bonding matched veneers of Grade A rotary-cut birch to Douglas Fir inner plys.

STRENGTH—Face veneers are of choice Birch. The remainder of the panel is strong, tough, thrifty Douglas Fir. This economy of construction, together with plywood's strength of cross-lamination, makes Simpson Birch plywood an ideal building material (pound for pound stronger than steel).

FINISHING—Simpson Birch Plywood is one of the finest woods known for painting, staining or finishing natural. The smooth, hard surface shows no grain rise, requires little maintenance after finishing.

FACE GRADE—GRADE A—Each face shall be made up of tight, smoothly-cut veneer, unselected for uniformity of color, but if made of more than one piece, matched at the joints for pleasing effect. Knots other than pin knots, worm holes, splits and shake shall not be admitted.

Panel Grade	Face Grades	Back Grades	Inner Ply Grades[3]	Glue Bond
A - A A - 2 A - 3	A A A	A 2 3	Solid cross band next to faces	Fully Waterproof Exterior[2] or Water Resistant Interior
Width[1]	**Length[1]**	**Thick-nesses[1]**	**Number of Plys**	**Approx. Wt. lbs. per M ft.**
48″	72″ 84″ 96″	¼″	3	830
		⅜″	5	1180
		½″	5	1600
		¾″	7	2335
Counterfronts — widths 72″ to 144″ — Lengths 22″ to 48″				

NOTES: [1] Other widths, lengths and thicknesses available on quotation.
[2] Available at slight extra cost.
[3] Other inner plys are selected C Grade.



Half Round Oak blends with either traditional or modern furnishing.

HOW TO SPECIFY—Simpson Red Oak Plywood, Half Round or Rotary Cut, No. of pieces, thickness, width, length, grade.

Simpson

RED OAK

PLYWOOD

METHOD OF MANUFACTURE—Simpson (Half Round) or (Rotary Cut) Oak plywoods are made by bonding matched veneers of smooth half round or rotary cut Red Oak to Douglas Fir inner plys.

STRENGTH—Face veneer is of Oak. The remainder of the panel is strong, tough, thrifty Douglas Fir. This economy of construction, together with strength of plywood cross-lamination, makes Simpson Oak plywood an ideal building material (pound for pound stronger than steel).

FINISHING—The open grain of Oak lends it to a variety of finishing techniques by using colored fillers with contrasting stains. See Simpson's Manual on Finishing Plywood for ideas on finishing all Simpson plywoods.

BLOCK-MATCHED—Squares can be cut from Simpson Red Oak and applied at right angles over a 5/16 inch Simpson Douglas Fir plywood underlay (Plyscord grade).

FACE GRADE—GRADE A—The face shall be made up of tight, smoothly cut veneer containing the natural character markings inherent in the species; if made of more than one piece, the veneer shall be matched at the joints to avoid sharp contrasts in color and grain.

Panel Grade	Face Grades	Back Grades	Inner Ply Grades	Glue Bond
A-A A-2 A-3	A A A	A 2 3	Solid cross band next to faces	Water Resistant Interior

Width	Length	Thicknesses	Number of Plys	Approx. Wt. lbs. per M ft.
48"	72" 84" 96"	1/4"	3	830
		3/8"	5	1180
		1/2"	5	1600
		3/4"	7	2335

PIONEER IN THE PROGRESS OF PLYWOOD

Simpson was established in 1895 and has since grown to become one of the largest suppliers of plywood and wood products in America. Nearly a half-million acres of forest lands on the West Coast are scientifically managed by Simpson and the timber crop is harvested on a rotating basis... assuring ample timber supplies for the use of future generations. Simpson processes the timber in twenty-two Western plants and distributes the finished products through wholesalers and dealers throughout America and Canada. The first cross-laminated panels using Douglas Fir were made in the Simpson veneer plant in Portland, Oregon, in 1905. From then until now, Simpson has pioneered in manufacturing the finest in wood products and plywood for the building, remodeling and industrial fields.



As one of the largest plywood producers in America, Simpson has continued to develop better ways to manufacture better plywood for every need. An example of Simpson leadership in plywood processing are "Jumbo" Douglas Fir plywood panels in dimensions of 8′ x 12′. These giant panels are manufactured by Simpson on a press capable of handling nine panels at a time. Simpson can also furnish plywood up to eight full inches thick and made with an Exterior glue! Simpson is the only plywood manufacturer equipped to make plywood panels of such dimensions in one-piece construction. You can rely on Simpson for the finest in plywood and wood products...and you can rely on Simpson to develop and supply the wood products you need, when you want them.

FOR FURTHER INFORMATION, CONTACT THE FIELD OFFICE NEAREST YOU:

Chicago 6, Illinois
728 Daily News Building
RAndolph 6-5894

Cleveland 16, Ohio
20800 Center Ridge Road
EDison 3-1833

Dallas 6, Texas
513 Meadows Building
EMerson 8-4611

Denver 6, Colorado
P. O. Box 96, Capitol Hill Station
DUdley 8-4025

Los Angeles 5, California
3440 Wilshire Boulevard, Suite 1006
DUnkirk 8-0655

Memphis 11, Tennessee
3387 Poplar Avenue, Room 212
FAirfax 7-7384

Portland 17, Oregon
2301 North Columbia Boulevard
BUtler 9-1112

Minneapolis 2, Minnesota
1117 Foshay Tower
FEderal 3-0488

New York 36, New York
500 Fifth Avenue, Suite 1402
WIsconsin 7-4094

Seattle 1, Washington
1010 White Building
MUtual 2-2828

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